

# Storm Data and Unusual Weather Phenomena

December 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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## DISTRICT OF COLUMBIA

**DCZ001**      **District Of Columbia**  
**05**      **2100EST**      **0**      **0**      **Winter Weather/Mix**  
**06**      **0515EST**

A significant winter storm occurred across portions of the Mid-Atlantic on the 5th and 6th of December. The wintry weather was caused by a low pressure system that was located over the southeast states, which then moved off the North Carolina coast on the 6th. A swath of light to moderate snowfall occurred across portions of MD, Northern VA, and DC. Storm total snowfall was between only a trace to up to 4 inches in some spots.

**DCZ001**      **District Of Columbia**  
**09**      **0300EST**      **0**      **0**      **Winter Weather/Mix**  
**0800EST**

A major winter storm impacted the Mid-Atlantic Region on the 8th and 9th. A coastal low pressure storm developed off the southeast coast, meanwhile a strong upper-level storm moved from the Ohio Valley to the Eastern Great Lakes. All this combined to generate a swath of generally light accumulations of snow and ice across the noted winter weather area. Still, even these relatively light accumulations had a significant impact on commerce and travel across the region, especially since severe winter storm conditions occurred nearby. Generally, storm total snowfall ranged between 1 to 4 inches, while ice accumulations were two-tenths of an inch or less. 3 fatalities occurred (indirect) as a result of this storm system in traffic related accidents, all occurring in Maryland.

## MARYLAND, Central

**MDZ002-006**      **Allegany - Northern Baltimore**  
**04**      **0100EST**      **0**      **0**      **Winter Weather/Mix**  
**0700EST**

A low pressure system tracked from Kentucky northeast to Connecticut on the 3rd and 4th. Accumulations of snow and ice occurred across portions of the Mid-Atlantic, although amounts were generally under winter storm criteria. Accumulations of snow ranged between 1 to 2 inches in Grant County, WV, while accumulations of ice ranged from trace amounts to two-tenths of an inch in Allegany and Baltimore Counties, MD, Loudoun and Page Counties, VA, and Grant County, WV.

**MDZ004>007-009>011-014**      **Frederick - Carroll - Northern Baltimore - Harford - Montgomery - Howard - Southern Baltimore - Anne Arundel**  
**05**      **2100EST**      **0**      **0**      **Winter Weather/Mix**  
**06**      **0515EST**

A significant winter storm occurred across portions of the Mid-Atlantic on the 5th and 6th of December. The wintry weather was caused by a low pressure system that was located over the southeast states, which then moved off the North Carolina coast on the 6th. A swath of light to moderate snowfall occurred across portions of MD and Northern VA. Storm total snowfall was between only a trace to up to 4 inches in some spots.

**MDZ013-016>018**      **Prince Georges - Charles - St. Mary'S - Calvert**  
**06**      **0300EST**      **0**      **0**      **Heavy Snow**  
**0515EST**

A significant winter storm occurred across portions of the Mid-Atlantic on the 5th and 6th of December. The wintry weather was caused by a low pressure system that was located over the southeast states, which then moved off the North Carolina coast on the 6th. A swath of moderate to heavy snowfall occurred across portions of MD and Northern VA. Storm total snowfall was between 4 to 6.5 inches. There were also reports of trees down in a few locations in Northern Virginia due to heavy wet snow accumulations in Stafford and Spotsylvania Counties.

**MDZ002>005**      **Allegany - Washington - Frederick - Carroll**  
**09**      **0300EST**      **0**      **0**      **Heavy Snow**  
**0800EST**

A major winter storm impacted the Mid-Atlantic Region on the 8th and 9th. A coastal low pressure storm developed off the southeast coast, meanwhile a strong upper-level storm moved from the Ohio Valley to the Eastern Great Lakes. All this combined to generate a swath of moderate to heavy snowfall across a large portion of the area, with some accumulations of ice as well in the Central Shenandoah Valley, where there were some power disruptions. Storm total snowfall ranged between 4 to 9 inches across the heavy snow area. 3 fatalities occurred (indirect) as a result of this storm system in traffic related accidents, all occurring in Maryland.

**MDZ006>007-009>011-013>014-016>018**      **Northern Baltimore - Harford - Montgomery - Howard - Southern Baltimore - Prince Georges - Anne Arundel - Charles - St. Mary'S - Calvert**  
**09**      **0300EST**      **0**      **0**      **Winter Weather/Mix**  
**0800EST**

A major winter storm impacted the Mid-Atlantic Region on the 8th and 9th. A coastal low pressure storm developed off the southeast coast, meanwhile a strong upper-level storm moved from the Ohio Valley to the Eastern Great Lakes. All this combined to generate a swath of generally light accumulations of snow and ice across the noted winter weather area. Still, even these relatively light accumulations had a significant impact on commerce and travel across the region, especially since severe winter storm

# Storm Data and Unusual Weather Phenomena

December 2005

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## MARYLAND, Central

conditions occurred nearby. Generally, storm total snowfall ranged between 1 to 4 inches, while ice accumulations were two-tenths of an inch or less. 3 fatalities occurred (indirect) as a result of this storm system in traffic related accidents, all occurring in Maryland.

**MDZ003>005-010**

**Washington - Frederick - Carroll - Howard**

**15 1800EST  
2230EST**

**0**

**0**

**Ice Storm**

A major winter storm occurred on December 15-16 across portions of the region. A low pressure storm tracked from the Gulf Coast to the Delmarva Peninsula by Friday morning, December 16. With warm air being drawn north into the cold air already in place, significant accumulations of freezing rain occurred across much of the area. Significant power outages occurred, especially in the Central Shenandoah Valley. Heavy snowfall also occurred across the higher elevations mainly along the Alleghany Front, with nearly a foot of storm total snowfall. Ice accumulations in the Shenandoah Valley were up to 1 inch. 5 fatalities occurred as a result of this major winter storm (indirect). All of these fatalities were traffic related. Dominion Power reported more than 40,000 customers without power in portions of the area.

**MDZ006-009-011**

**Northern Baltimore - Montgomery - Southern Baltimore**

**15 1830EST  
2130EST**

**0**

**0**

**Winter Weather/Mix**

A major winter storm occurred on December 15-16 across portions of the region. A low pressure storm tracked from the Gulf Coast to the Delmarva Peninsula by Friday morning, December 16. With warm air being drawn north into the cold air already in place, significant accumulations of freezing rain occurred across much of the area. Significant power outages occurred, especially in the Central Shenandoah Valley. Heavy snowfall also occurred across the higher elevations mainly along the Alleghany Front, with nearly a foot of storm total snowfall. Ice accumulations in the Shenandoah Valley were up to 1 inch. 5 fatalities occurred as a result of this major winter storm (indirect). All of these fatalities were traffic related. Dominion Power reported more than 40,000 customers without power in portions of the area. Relatively Light accumulations of snow and ice occurred across the western suburbs of Washington, DC, and Baltimore, due to the intrusion of more warm air, which turned the precipitation over to all rain for a period of time.

**MDZ002**

**Alleghany**

**15 2300EST  
16 0200EST**

**0**

**0**

**Winter Storm**

A major winter storm occurred on December 15-16 across portions of the region. A low pressure storm tracked from the Gulf Coast to the Delmarva Peninsula by Friday morning, December 16. With warm air being drawn north into the cold air already in place, significant accumulations of freezing rain occurred across much of the area. Significant power outages occurred, especially in the Central Shenandoah Valley. Heavy snowfall also occurred across the higher elevations mainly along the Alleghany Front, with nearly a foot of storm total snowfall. Ice accumulations in the Shenandoah Valley were up to 1 inch. 5 fatalities occurred as a result of this major winter storm (indirect). All of these fatalities were traffic related. Dominion Power reported more than 40,000 customers without power in portions of the area.

**MDZ002>004**

**Alleghany - Washington - Frederick**

**26 0200EST  
0600EST**

**0**

**0**

**Dense Fog**

Locally dense fog developed early in the morning on December 26. Visibilities fell to one-quarter mile or less in local areas.

## VIRGINIA, North

**VAZ029-042**

**Page - Loudoun**

**04 0100EST  
0700EST**

**0**

**0**

**Winter Weather/Mix**

A low pressure system tracked from Kentucky northeast to Connecticut on the 3rd and 4th. Accumulations of snow and ice occurred across portions of the Mid-Atlantic, although amounts were generally under winter storm criteria. Accumulations of snow ranged between 1 to 2 inches in Grant County, WV, while accumulations of ice ranged from trace amounts to two-tenths of an inch in Alleghany and Baltimore Counties, MD, Loudoun and Page Counties, VA, and Grant County, WV.

**VAZ050-055>057**

**Orange - Stafford - Spotsylvania - King George**

**05 1745EST  
06 0515EST**

**0**

**0**

**40K**

**Heavy Snow**

A significant winter storm occurred across portions of the Mid-Atlantic on the 5th and 6th of December. The wintry weather was caused by a low pressure system that was located over the southeast states, which then moved off the North Carolina coast on the 6th. A swath of moderate to heavy snowfall occurred across portions of Southern MD and Northern VA. Storm total snowfall was between 4 to 6.5 inches. There were also reports of trees down in a few locations in Northern Virginia due to heavy wet snow accumulations in Stafford and Spotsylvania Counties.

# Storm Data and Unusual Weather Phenomena

December 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons Injured	Estimated Damage Property Crops	Character of Storm
<b><u>VIRGINIA, North</u></b>								
<b>VAZ025&gt;028-031-037-040&gt;042-051&gt;054</b>	<b>Augusta - Rockingham - Shenandoah - Frederick - Clarke - Albemarle - Rappahannock - Fauquier - Loudoun - Culpeper - Prince William - Fairfax - Arlington</b>							
	<b>05 06</b>	<b>2100EST 0515EST</b>			<b>0</b>	<b>0</b>		<b>Winter Weather/Mix</b>
	A significant winter storm occurred across portions of the Mid-Atlantic on the 5th and 6th of December. The wintry weather was caused by a low pressure system that was located over the southeast states, which then moved off the North Carolina coast on the 6th. A swath of moderate to heavy snowfall occurred across portions of Southern MD and Northern VA. Storm total snowfall was between only a trace to up to 4 inches in some spots.							
<b>VAZ021</b>	<b>Highland</b>							
	<b>09</b>	<b>0300EST 0800EST</b>			<b>0</b>	<b>0</b>		<b>Heavy Snow</b>
	A major winter storm impacted the Mid-Atlantic Region on the 8th and 9th. A coastal low pressure storm developed off the southeast coast, meanwhile a strong upper-level storm moved from the Ohio Valley to the Eastern Great Lakes. All this combined to generate a swath of moderate to heavy snowfall across a portion of the area, with some accumulations of ice as well in the Central Shenandoah Valley, where there were some power disruptions. Storm total snowfall ranged between 4 to 9 inches across the heavy snow area. 3 fatalities occurred (indirect) as a result of this storm system in traffic related accidents, all occurring in Maryland.							
<b>VAZ025-029-036&gt;037-050</b>	<b>Augusta - Page - Nelson - Albemarle - Orange</b>							
	<b>09</b>	<b>0300EST 0800EST</b>			<b>0</b>	<b>0</b>		<b>Ice Storm</b>
	A major winter storm impacted the Mid-Atlantic Region on the 8th and 9th. A coastal low pressure storm developed off the southeast coast, meanwhile a strong upper-level storm moved from the Ohio Valley to the Eastern Great Lakes. All this combined to generate a swath of moderate to heavy snowfall across a portion of the area, with some accumulations of ice as well in the Central Shenandoah Valley, where there were some power disruptions. Storm total snowfall ranged between 4 to 9 inches across the heavy snow area, while ice storm accumulations ranged between two-tenths to half an inch of ice. 3 fatalities occurred (indirect) as a result of this storm in traffic related accidents, all occurring in Maryland.							
<b>VAZ026&gt;028-030&gt;031-038&gt;042-051&gt;057</b>	<b>Rockingham - Shenandoah - Frederick - Warren - Clarke - Greene - Madison - Rappahannock - Fauquier - Loudoun - Culpeper - Prince William - Fairfax - Arlington - Stafford - Spotsylvania - King George</b>							
	<b>09</b>	<b>0300EST 0800EST</b>			<b>0</b>	<b>0</b>		<b>Winter Weather/Mix</b>
	A major winter storm impacted the Mid-Atlantic Region on the 8th and 9th. A coastal low pressure storm developed off the southeast coast, meanwhile a strong upper-level storm moved from the Ohio Valley to the Eastern Great Lakes. All this combined to generate a swath of generally light accumulations of snow and ice across the noted winter weather area. Still, even these relatively light accumulations had a significant impact on commerce and travel across the region, especially since severe winter storm conditions occurred nearby. Generally, storm total snowfall ranged between 1 to 4 inches, while ice accumulations were two-tenths of an inch or less. 3 fatalities occurred (indirect) as a result of this storm system in traffic related accidents, all occurring in Maryland.							
<b>VAZ025&gt;031-036&gt;042-051</b>	<b>Augusta - Rockingham - Shenandoah - Frederick - Page - Warren - Clarke - Nelson - Albemarle - Greene - Madison - Rappahannock - Fauquier - Loudoun - Culpeper</b>							
	<b>15</b>	<b>1500EST 2130EST</b>			<b>0</b>	<b>0</b>		<b>Ice Storm</b>
	A major winter storm occurred on December 15-16 across portions of the region. A low pressure storm tracked from the Gulf Coast to the Delmarva Peninsula by Friday morning, December 16. With warm air being drawn north into the cold air already in place, significant accumulations of freezing rain occurred across much of the area. Significant power outages occurred, especially in the Central Shenandoah Valley. Heavy snowfall also occurred across the higher elevations mainly along the Alleghany Front, with nearly a foot of storm total snowfall. Ice accumulations in the Shenandoah Valley were up to 1 inch. 5 fatalities occurred as a result of this major winter storm (indirect). All of these fatalities were traffic related. Dominion Virginia Power reported more than 40,000 customers without power in North-Central Virginia.							
<b>VAZ021</b>	<b>Highland</b>							
	<b>15 16</b>	<b>1600EST 0000EST</b>			<b>0</b>	<b>0</b>		<b>Winter Storm</b>
	A major winter storm occurred on December 15-16 across portions of the region. A low pressure storm tracked from the Gulf Coast to the Delmarva Peninsula by Friday morning, December 16. With warm air being drawn north into the cold air already in place, significant accumulations of freezing rain occurred across much of the area. Significant power outages occurred, especially in the Central Shenandoah Valley. Heavy snowfall also occurred across the higher elevations mainly along the Alleghany Front, with nearly a foot of storm total snowfall. Ice accumulations in the Shenandoah Valley were up to 1 inch. 5 fatalities occurred as a result of this major winter storm (indirect). All of these fatalities were traffic related. Dominion Virginia Power reported more than 40,000 customers without power in North-Central Virginia.							
<b>VAZ050-052&gt;053</b>	<b>Orange - Prince William - Fairfax</b>							
	<b>15</b>	<b>1830EST 2130EST</b>			<b>0</b>	<b>0</b>		<b>Winter Weather/Mix</b>

# Storm Data and Unusual Weather Phenomena

December 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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## VIRGINIA, North

A major winter storm occurred on December 15-16 across portions of the region. A low pressure storm tracked from the Gulf Coast to the Delmarva Peninsula by Friday morning, December 16. With warm air being drawn north into the cold air already in place, significant accumulations of freezing rain occurred across much of the area. Significant power outages occurred, especially in the Central Shenandoah Valley. Heavy snowfall also occurred across the higher elevations mainly along the Allegheny Front, with nearly a foot of storm total snowfall. Ice accumulations in the Shenandoah Valley were up to 1 inch. 5 fatalities occurred as a result of this major winter storm (indirect). All of these fatalities were traffic related. Dominion Virginia Power reported more than 40,000 customers without power in North-Central Virginia. Relatively Light accumulations of snow and ice occurred across the western suburbs of Washington, DC, and Baltimore, due to the intrusion of more warm air, which turned the precipitation over to all rain for a period of time.

**VAZ025>028-031-036>042-050>052-056** **Augusta - Rockingham - Shenandoah - Frederick - Clarke - Nelson - Albemarle - Greene - Madison - Rappahannock - Fauquier - Loudoun - Orange - Culpeper - Prince William - Spotsylvania**  
**26 0200EST 0 0 Dense Fog**  
**0600EST**

Locally dense fog developed early in the morning on December 26. Visibilities fell to one-quarter mile or less in local areas.

## WEST VIRGINIA, East

**WVZ048** **Grant**  
**01 2200EST 0 0 Heavy Snow**  
**02 2000EST**

Trained spotters reported between 6 to 10 inches of storm total snowfall, mainly in the higher elevations of the county.

Moist northwest winds originating from the Great Lakes caused considerable snowfall on the 1st and 2nd. The higher snow totals occurred across the higher elevations of Western MD, Eastern WV, and Western VA.

**WVZ048** **Grant**  
**04 0100EST 0 0 Winter Weather/Mix**  
**0700EST**

A low pressure system tracked from Kentucky northeast to Connecticut on the 3rd and 4th. Accumulations of snow and ice occurred across portions of the Mid-Atlantic, although amounts were generally under winter storm criteria. Accumulations of snow ranged between 1 to 2 inches in Grant County, WV, while accumulations of ice ranged from trace amounts to two-tenths of an inch in Allegheny and Baltimore Counties, MD, Loudoun and Page Counties, VA, and Grant County, WV.

**WVZ050-052>054** **Hampshire - Berkeley - Jefferson - Pendleton**  
**05 2100EST 0 0 Winter Weather/Mix**  
**06 0515EST**

A significant winter storm occurred across portions of the Mid-Atlantic on the 5th and 6th of December. The wintry weather was caused by a low pressure system that was located over the southeast states, which then moved off the North Carolina coast on the 6th. A swath of light to moderate snowfall occurred across portions of Southern MD, Northern VA, and Eastern WV. Storm total snowfall was between only a trace to up to 4 inches in some spots.

**WVZ048>052** **Grant - Mineral - Hampshire - Morgan - Berkeley**  
**09 0200EST 0 0 Heavy Snow**  
**0800EST**

A major winter storm impacted the Mid-Atlantic Region on the 8th and 9th. A coastal low pressure storm developed off the southeast coast, meanwhile a strong upper-level storm moved from the Ohio Valley to the Eastern Great Lakes. All this combined to generate a swath of moderate to heavy snowfall across a portion of the area, with some accumulations of ice as well in the Central Shenandoah Valley, where there were some power disruptions. Storm total snowfall ranged between 4 to 9 inches across the heavy snow area. 3 fatalities occurred (indirect) as a result of this storm system, in traffic related accidents, all occurring in Maryland.

**WVZ053>055** **Jefferson - Pendleton - Hardy**  
**09 0300EST 0 0 Winter Weather/Mix**  
**0800EST**

# Storm Data and Unusual Weather Phenomena

December 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

## WEST VIRGINIA, East



*This photo is from the Harpers Ferry National Park after the ice and snow storm of December 8-9, 2005. Accumulations of snow and ice amounted to around 3.5 inches. This photo courtesy James Brotherton, NWS Sterling, VA.*

A major winter storm impacted the Mid-Atlantic Region on the 8th and 9th. A coastal low pressure storm developed off the southeast coast, meanwhile a strong upper-level storm moved from the Ohio Valley to the Eastern Great Lakes. All this combined to generate a swath of generally light accumulations of snow and ice across the noted winter weather area. Still, even these relatively light accumulations had a significant impact on commerce and travel across the region, especially since severe winter storm conditions occurred nearby. Generally, storm total snowfall ranged between 1 to 4 inches, while ice accumulations were two-tenths of an inch or less. 3 fatalities occurred (indirect) as a result of this storm in traffic related accidents, all occurring in Maryland.

**WVZ050-052>055**

### **Hampshire - Berkeley - Jefferson - Pendleton - Hardy**

<b>15</b>	<b>1800EST</b>	<b>0</b>	<b>0</b>	<b>Ice Storm</b>
	<b>2200EST</b>			

A major winter storm occurred on December 15-16 across portions of the region. A low pressure storm tracked from the Gulf Coast to the Delmarva Peninsula by Friday morning, December 16. With warm air being drawn north into the cold air already in place, significant accumulations of freezing rain occurred across much of the area. Significant power outages occurred, especially in the Central Shenandoah Valley. Heavy snowfall also occurred across the higher elevations mainly along the Allegheny Front, with nearly a foot of storm total snowfall. Ice accumulations in the Shenandoah Valley were up to 1 inch. 5 fatalities occurred as a result of this major winter storm (indirect). All of these fatalities were traffic related. Dominion Power reported more than 40,000 customers without power in portions of the area.

**WVZ048>049-051**

### **Grant - Mineral - Morgan**

<b>15</b>	<b>1900EST</b>	<b>0</b>	<b>0</b>	<b>Winter Storm</b>
<b>16</b>	<b>0000EST</b>			

A major winter storm occurred on December 15-16 across portions of the region. A low pressure storm tracked from the Gulf Coast to the Delmarva Peninsula by Friday morning, December 16. With warm air being drawn north into the cold air already in place, significant accumulations of freezing rain occurred across much of the area. Significant power outages occurred, especially in the Central Shenandoah Valley. Heavy snowfall also occurred across the higher elevations mainly along the Allegheny Front, with nearly a foot of storm total snowfall. Ice accumulations in the Shenandoah Valley were up to 1 inch. 5 fatalities occurred as a result of this major winter storm (indirect). All of these fatalities were traffic related. Dominion Power reported more than 40,000 customers without power in portions of the area.

**WVZ048>055**

### **Grant - Mineral - Hampshire - Morgan - Berkeley - Jefferson - Pendleton - Hardy**

<b>26</b>	<b>0200EST</b>	<b>0</b>	<b>0</b>	<b>Dense Fog</b>
	<b>0600EST</b>			

Locally dense fog developed early in the morning on December 26. Visibilities fell to one-quarter mile or less in local areas.

**WVZ048-054**

### **Grant - Pendleton**

<b>26</b>	<b>1500EST</b>	<b>0</b>	<b>0</b>	<b>Heavy Snow</b>
	<b>1800EST</b>			

Favored upslope winds contributed to accumulations of snow around 5 inches along and west of the Allegheny Front. Icy roads in the

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## Storm Data and Unusual Weather Phenomena

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December 2005

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	

### WEST VIRGINIA, East

Martinsburg, West Virginia area contributed to 2 serious injuries due to auto accidents (indirect).